

ABSTRACT OF THE DISCLOSURE

A method for determining the displacement state of a clutch actuator is proposed for a vehicle, the clutch actuator being driven by an electric motor. According to the invention, the armature resistance (R_A) of the electric motor is determined in a stationary state of the electric motor, a current induced in the electric motor (I_{Ind}) and/or an induced voltage (U_{Ind}) being
5 calculated with the determined armature resistance (R_A) and the applied motor voltage (U) as well as the measured motor current (I), and the displacement state of clutch actuator being determined from the induced current (I_{Ind}) and/or the induced voltage (U_{Ind}), which are proportional to the motor speed (n).